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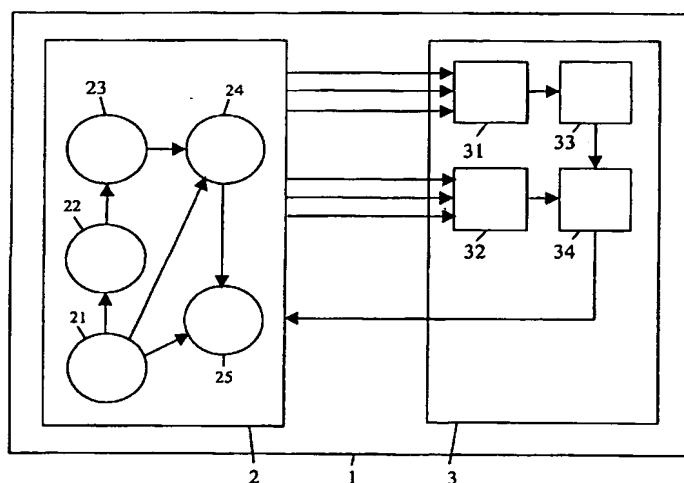
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Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,

[Continued on next page]

- (54) Title:** SLIDING-WINDOW DECODER WITH PROLOG-WINDOWS HAVING FLEXIBEL SIZES



(S7) Abstract: Sliding-window decoders with processor-systems (1) for decoding streams of symbols run prolog deriving processes (23) for deriving initial parameters for prolog-windows, and run main deriving processes (24) for deriving main parameters for main-windows thereby using initial conditions defined by said initial parameters. By introducing defining processes (22) for defining the prolog-windows having a flexible number of symbols, a flexible size, dependently upon the needed quality of the initial condition, the prolog-window can be made larger/smaller (initial condition with higher/lower quality). As a result, the efficiency is improved, as a consequence of the average overlap between prolog-windows of a certain main-window and a neighboring main-window being reduced. Preferably, per main-window, the prolog-windows get increasing sizes. Based upon the insight of initial conditions needing to have flexible qualities, the basic idea introduces flexible sizes for prolog-windows. Sizes which grow per iteration make the sliding-window decoders even more advantageous.

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CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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